RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10 535,416

Source: PCT

Date Processed by STIC: 5-25-05

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PCT

RAW SEQUENCE LISTING   DATE: 05/25/2005
PATENT APPLICATION: US/10/535,416   TIME: 12:11:41

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Output Set: **N:\CRF4\05252005\J535416.raw**

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 3 <110> APPLICANT: RIBAS, Jaume PINOL
 4        VIRGILI, Sergi BRU
 5        MASO, Enric ESPUNA
 6        MURILLO, Enrique QUEROL
 8 <120> TITLE OF INVENTION: Live Attenuated Vaccine Against Porcine Pleuropneumonia
10 <130> FILE REFERENCE: Q87778
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C--> `12 <140> CURRENT APPLICATION NUMBER: US/10/535,416`
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13 <141> CURRENT FILING DATE: 2005-05-19
15 <150> PRIOR APPLICATION NUMBER: PCT/EP2003/012839
16 <151> PRIOR FILING DATE: 2003-11-17
18 <150> PRIOR APPLICATION NUMBER: ES P 200202663
19 <151> PRIOR FILING DATE: 2002-11-20
21 <160> NUMBER OF SEQ ID NOS: 18
23 <170> SOFTWARE: PatentIn version 3.3
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26 <211> LENGTH: 3072
27 <212> TYPE: DNA
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61 gcaaccggtg gtttaatcgg ttcggtcgta gcattagcga ttagcccgct ttcgttctta     960
63 aatgttgcgg ataagtttga acgtgcgaaa cagcttgaac aatattcgga gcgctttaaa    1020
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67 gaagcggcat taaccacgat taacagtgtg ttaagtcgc gttccgcagg tgttggggct    1140
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 79 ggtgaacttg ccggcattac tcgcaaaggt tctgatacga aaagcggtaa agcttacgtt   1500
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 91 ggtgaaaaac gtcaagtgac cattgaatct catttgggtg agaaaaatga tcgtatatat   1860
 93 ctttcatccg gttcatctat cgtatatgcg ggtaacggac atgatgtagc atattacgat   1920
 95 aaaaccgata caggttactt aacatttgac ggacaaagtg cacagaaagc cggtgaatat   1980
 97 attgtcacta aagaacttaa agctgatgta aaagtttaa aagaagtggt taaaactcag   2040
 99 gatatttcag ttggaaaaac gtgcagtgaa aaattagaat atcgtgatta tgagttaagc   2100
101 ccattcgaac ttgggaacgg tatcagagct aaagatgaat tacattctgt tgaagaaatt   2160
103 atcggtagta atcgtaaaga caaattcttt ggtagtcgct ttaccgatat tttccatggt   2220
105 gcgaaaggcg atgatgaaat ctacggtaat gacggccacg atatcttata cggagacgac   2280
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150 cgagaagaac gcagcaattt ggacattgca aaaactagct ttgatacaac tcagaaaatt   300
152 ctaggtttta ctgatagagg aattgtatta tttgcacctc agctagataa tttattaaag   360
154 aagaatccta aaattggcaa tacattagga agtgcttcta gcatctcaca aaatataggt   420
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160 ctagaactga ctaatgaatt agttggtaat attgctagct cggtgcaaac tgtagatgca   600
162 tttgcagaac aaatatctaa actaggttca catttacaga atgtgaaagg attaggagga   660
164 ttgagtaata aattacaaaa tctaccagat ctaggaaaag caagtttagg tttggacatt   720
166 atctctggtt tactttctgg agcatctgca ggtctcattt tagcagataa agaggcttca   780
168 acagaaaaga aagctgccgc aggtgtagaa tttgctaacc aaaattatagg taatgtaaca   840
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206 tacagtagag gagaatatgg cgcattagtt attgatgcta cagccgagac agaaaaaggc   1980
208 tcatattcag taaaacgcta tgtcggagac agtaaagcat tacatgaaac aattgccacc   2040
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212 tttcatactg gttatactgt gacggactca ctcaaatcag ttgaagagat cattggttca   2160
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234 tcttcagtcg ggagctttac gtcttcctca gactttagga ataatttagg aacatatgtt   2820
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245 <223> OTHER INFORMATION: Chemically-Synthesized PCR Primer
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/25/2005
PATENT APPLICATION: US/10/535,416   TIME: 12:11:42

Input Set : A:\Q87778.ST25.txt
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Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:17

VERIFICATION SUMMARY   DATE: 05/25/2005
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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number